New Insights on Apoptotic Cell Clearance - Relevance to Health and Disease

Kodi Ravichandran, PhD
Professor and Chair
Microbiology, Immunology, and Cancer Biology
University of Virginia School of Medicine
Charlottesville, VA

Monday, September 10, 2018
1:30 PM- 2:30 PM
ZRC Auditorium
Host: Dr. Julie Blander (Cornell)

Vulnerabilities and Opportunities in the Metabolic Ambivalence of Lymphocytes

Steven Reiner, MD
Charles H. Revson Professor of Microbiology & Immunology and Pediatrics
Columbia University
New York, NY

Monday, September 17, 2018
1:30 PM- 2:30 PM
ZRC 105
Host: Dr. Jayanta Chaudhuri (SKI)

Resistance to Cancer Immunotherapy

Kai Wucherpfennig, MD, PhD
Professor and Chair, Department of Cancer Immunology and Virology
Professor of Microbiology and Immunobiology, Harvard Medical School
Professor of Neurology, Brigham and Women’s Hospital and Harvard Medical School
Dana-Farber Cancer Institute
Boston, MA

Monday, September 24, 2018
1:30 PM- 2:30 PM
ZRC 105
Host: Dr. Ming Li (SKI)

Novel Pro-Resolving Lipid Mediators in Inflammation and Infection

Charles Serhan, PhD
Professor and Director, Center for Experimental Therapeutics and Reperfusion Injury
Brigham and Women’s Hospital
The Simon Gelman Professor of Anaesthesia (Biochemistry & Molecular Pharmacology)
Harvard Medical School
Boston, MA

Monday, October 1, 2018
1:30 PM- 2:30 PM
ZRC Auditorium
Host: Dr. Julie Blander (Cornell)
## Memory B Cells and Infection

**Marion Pepper, PhD**  
Associate Professor  
Department of Immunology  
University of Washington  
Seattle, WA  
Monday, October 8, 2018  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Gabriel Victor (Rockefeller University)

### Bifurcating B Cell Dynamics Underlying Humoral Immune Responses

**Harinder Singh, PhD**  
Director  
Division of Immunobiology  
Cincinnati Children's Hospital Medical Center  
Cincinnati, Ohio  
Monday, October 15, 2018  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Joseph Sun (SKI)

## Regulation of Innate Immunity to Inhaled Fungi

**Bruce Klein, PhD**  
Professor of Pediatrics and Medical Microbiology & Immunology  
University of Wisconsin Madison, WI  
Monday, October 22, 2018  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Illiyan Iliev (Cornell)

### Neuro-immune Regulation of Bacterial Host Defense

**Isaac Chiu, PhD**  
Assistant Professor of Microbiology and Immunobiology  
Harvard Medical School  
Boston, MA  
Monday, October 29, 2018  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Daniel Mucida (Rockefeller University)

## Development and Specificity of Homeostatic Intestinal IgA Responses

**Albert Bendelac, MD, PhD**  
A.N. Pritzker Professor  
Committee on Immunology  
Department of Pathology  
The University of Chicago  
Chicago, IL  
Monday, November 5, 2018  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Joseph Sun (SKI)

### Efferocytosis in the Resolution of Inflammation
Ira Tabas, MD, PhD
Professor and Vice-Chair of Research
Department of Medicine
Professor of Pathology & Cell Biology (in Physiology and Cellular Biophysics)
Columbia University Medical Center
New York, NY

Monday, November 12, 2018
1:30 PM- 2:30 PM
ZRC 105
Host: Dr. Julie Blander (Cornell)

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**Enterococcus Colonization and Competition in the GI Tract**

Nita Salzman, MD, PhD
Professor of Pediatrics
Microbiology and Immunology
Medical College of Wisconsin
Milwaukee, WI

Monday, November 19, 2018
1:30 PM- 2:30 PM
ZRC Auditorium
Host: Dr. Illiyen Iliev (Cornell)

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**The Intersection of Nutrition and Infection at the Host-Pathogen Interface**

Eric Skaar, PhD, MPH
Professor of Pathology, Microbiology, and Immunology
Director, Division of Molecular Pathogenesis
Director, Institute for Infection, Immunology, and Inflammation (VII4)
Vice Chair for Basic Research, Department of Pathology, Microbiology, and Immunology
Vanderbilt University Medical Center
Nashville, TN

Monday, December 3, 2018
1:30 PM- 2:30 PM
ZRC Auditorium
Host: Dr. Michael Glickman (SKI)

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**Title TBA**

Glen Barber, PhD
Professor and Chairman
Department of Cell Biology
University of Miami Health System
Coral Gables, FL

Monday, December 10, 2018
1:30 PM- 2:30 PM
ZRC 105
Host: Dr. Julie Blander (Cornell)

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**Novel Epigenomic Mechanisms of Macrophage Polarization in Health and Disease**

Laszlo Nagy, MD, PhD
Professor of Medicine
Associate Director of Center for Metabolic Origins of Disease
Department of Medicine
John Hopkins University
School of Medicine
Baltimore, MD

Monday, December 17, 2018
1:30 PM- 2:30 PM
ZRC 105
Host: Dr. Lionel Ivashkiv (HSS)

ALL SEMINARS ARE PRECEDED BY A TEA
SKI Administration
For additional information, please contact the Immunology Program Coordinator, Beneysha Bolden boldenb@mskcc.org.

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Autoimmunity to Extracellular DNA

Boris Reizis, PhD  
Professor  
Department of Pathology  
Department of Medicine  
NYU School of Medicine  
New York, NY

Monday, January 14, 2019  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Joseph Sun (SKI)

Insight into Fundamental Immunologic Pathways from Monogenic Atopic

Joshua Milner, MD  
Chief  
Laboratory of Allergic Diseases  
Genetics and Pathogenesis of Allergy Section  
National Institute of Health  
Bethesda, MD

Monday, January 28, 2019  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Jean-Laurent Casanova (Rockefeller)

Cytosolic RECONnaissance Host Strategies for Detecting Bacterial Cyclic Dinucleotides

Joshua Woodward, PhD  
Associate Professor  
Department of Microbiology  
University of Washington  
Seattle, WA

Monday, February 4, 2019  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Kyu Rhee (Cornell)

Rats, Fleas, and Autoinflammatory Disease: Familial Mediterranean Fever and Yersinia Pestis

Dan Kastner, PhD  
Scientific Director  
Division of Intramural Clinical Research  
National Human Genome Research Institute  
Bethesda, MD

Monday, February 11, 2019  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Jean-Laurent Casanova (Rockefeller)

Exploitation and Taming of Proto-Oncogenes in Early T-Cell Development

Ellen Rothenberg, PhD  
Albert Billings Ruddock Professor  
Department of Biology  
California Institute of Technology  
Pasadena, CA

Monday, June 17, 2019  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Steven Josefowicz (Cornell)
### Gene Identification in Inborn Errors of Immunity Lead to Precision Medicine Therapies

**Michael Lenardo, MD**  
Section Chief and Director  
Clinical Genomics Program  
National Institute of Allergy and Infectious Diseases  
Bethesda, MD  

**Monday, February 25, 2019**  
1:30 PM- 2:30 PM  
RRL Auditorium  
Host: Dr. Jean-Laurent Casanova (Rockefeller)

### The Dawn of Metabolic Intervention in Reprogramming the Tumor Microenvironment

**Ping-Chih Ho, PhD**  
Assistant Professor  
Department of Fundamental Oncology  
Ludwig Center for Cancer Research of University of Lausanne  
Lausanne, CH  

**Friday, March 1, 2019**  
1:30 PM- 2:30 PM  
M 107  
Host: Dr. Ming Li (SKI)

### TBA

**Richard Blumberg, MD**  
Professor  
Harvard Medical School  
Chief  
Division of Gastroenterology, Hepatology and Endoscopy, Gastroenterology, Hepatology and Endoscopy  
Brigham And Women's Hospital  
Boston, MA  

**Monday, March 4, 2019**  
1:30 PM- 2:30 PM  
RRL Auditorium  
Host: Dr. Greg Sonnenberg (Cornell)

### Microbial Regulation of Innate Immunity and Homeostasis in the Small Intestine

**Kathy McCoy, PhD**  
Professor  
Department of Physiology & Pharmacology  
Victoria University of Wellington  
Wellington, NZ  

**Monday, March 11, 2019**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Daniel Mucida (Rockefeller)
**Type 2 Immunity in Tissue Regeneration and Fibrosis**

**Thomas Wynn, PhD**  
Vice President  
Inflammation and Immunology Research  
Unit  
Pfizer  
Cambridge, MA  

Monday, March 18, 2019  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Lionel Ivashkiv (HSS)

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**Gut Microbiota, Diet, Chronic Inflammation, and Metabolic Syndrome**

**Andrew Gewirtz, PhD**  
Professor  
Center for Inflammation, Immunity, and Infection  
Georgia State University  
Atlanta, GA  

Monday, March 25, 2019  
1:30 PM- 2:30 PM  
RRL Auditorium  
Host: Dr. Randy Longman (Cornell)

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**Fooled by Foxp3?**

**Christophe Benoist, MD, PhD**  
Morton Grove-Rasmussen Chair  
Immunohematology, Microbiology and Immunobiology  
Harvard Medical School  
Boston, MA  

Monday, April 1, 2019  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Joseph Sun (SKI)

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**Evasion of IL-22-Mediated Antimicrobial Responses by Bacterial Pathogens**

**Manuela Raffatelu, PhD**  
Professor  
Division of Host-Microbe Systems & Therapeutics  
Department of Pediatrics  
University of California  
San Diego School of Medicine  
San Diego, CA  

Monday, April 8, 2019  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Iliyan Iliev (Cornell)

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**Treg-Mediated Immune Tolerance in Health and Disease**

**Jeffrey Bluestone, PhD**  
A.W. and Mary Margaret Clausen Distinguished Professor  
Director, Hormone Research Institute Diabetes Center  
University of California San Francisco  
San Francisco, CA  

Monday, April 15, 2019  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Sasha Rudensky (SKI)
### Elucidating Molecular Mechanisms of a Novel Inherited Immunodeficiency-Immunodysregulation Disorder

**Helen Su, MD, PhD**  
Chief  
Human Immunology and Microbiology  
National Institute of Allergy and Infectious  
Bethesda, MD

**Monday, April 22, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Jean-Laurent Casanova (Rockefeller)

### T follicular Helper (Tfh) CD4 T Cells and Germinal Center B Cell Response in the Context of Vaccines and Infections

**Shane Crotty, PhD**  
Professor  
Division of Vaccine Discovery  
La Jolla Institute for Allergy and Immunology  
La Jolla, CA

**Monday, April 29, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Joseph Sun (SKI)

### Genetic Engineering of Human Tumor B Cells

**Michael Reth, PhD**  
Scientific Director  
The BIOSS Centre for Biological Signalling Studies  
Professor in Molecular Immunology  
University of Freiburg  
Freiburg, DE

**Monday, May 6, 2019**  
11:00 AM- 12:00 PM  
M 107  
Host: Dr. Sasha Rudensky (SKI)

### Surviving Mycobacterium Tuberculosis Infection- from the Perspective of the Pathogen and the Host

**Christina Stallings, PhD**  
Associate Professor  
Department of Molecular Microbiology  
Washington University School of Medicine  
St. Louis, MO

**Monday, May 6, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Kyu Rhee (Cornell)

### Host Genetics and the Shape of Microbial Communities

**Alexander Chervonsky, PhD**  
Professor and Chairman  
Committee on Immunology  
Department of Pathology  
The University of Chicago  
Chicago, IL

**Monday, May 13, 2019**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Sasha Rudensky (SKI)
TBA

June Round, PhD
Associate Professor
Department of Pathology
Divisions of Microbiology and Immunology
University of Utah
Salt Lake City, UT

Monday, May 20, 2019
1:30 PM- 2:30 PM
ZRC Auditorium
Host: Dr. Greg Sonnenberg (Cornell/JRI)

Human RAG Defects: from Genotype to Phenotype and Correction

Luigi Notarangelo, MD
Chief
Laboratory of Clinical Immunology and Microbiology
Immune Deficiency Genetics Section
National Institute of Allergy and Infectious Disease
National Institutes of Health
Bethesda, MD

Monday, June 3, 2019
1:30 PM- 2:30 PM
ZRC Auditorium
Host: Dr. Jean-Laurent Casanova (Rockefeller)

Signaling and Selection in Germinal Centers

Mark Shlomchik, MD, PhD
UPMC Endowed Professor and Chair
Department of Immunology
University of Pittsburgh
Pittsburgh, PA

Monday, June 10, 2019
1:30 PM- 2:30 PM
ZRC Auditorium
Host: Dr. Jayanta Chaudhuri (SKI)

Dendritic Cell Migration: from Micro-Fluidics to in Vivo Live Imaging

Ana-Maria Lennon, PhD
Research Director
Institut Curie
Paris, France

Monday, June 24, 2019
1:30 PM- 2:30 PM
ZRC Auditorium
Host: Dr. Morgan Huse (SKI)

SKI Administration
For additional information, please contact the Immunology Program Coordinator, Beneysa Bolden boldenb@mskcc.org.

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